



Residential Window and Door Systems



Made For Living

AluRES is Concept Aluminium Systems best-selling collection for eight years, offering premium aluminium windows and doors with commercial-grade strength designed specifically for residential applications. Our AluRES windows and doors are thoughtfully made to excel in Australian homes and consider how people experience living spaces. Every detail, and feature designed to deliver performance. The range combines durability, style, and energy efficiency to deliver lasting comfort and architectural appeal in every home.

AluRES provides entry-level, mid-range, and high-end options, allowing every customer to find a premium window or door system that fits their budget. Each system is rigorously tested in our on site NATA-accredited facility to ensure compliance with Australian Standards and achieve superior performance ratings.

The collection has been developed in close collaboration with Australian architects, fabricators, and builders to ensure our systems meet the needs of homeowners while performing under evolving building codes and regulations.

With AluRES, homeowners can enjoy long-lasting comfort, lower energy costs, and windows and doors that are built to withstand the test of time and perform for years to come.



AluRES® Comet Sliding Window



AS 2047
Compliant

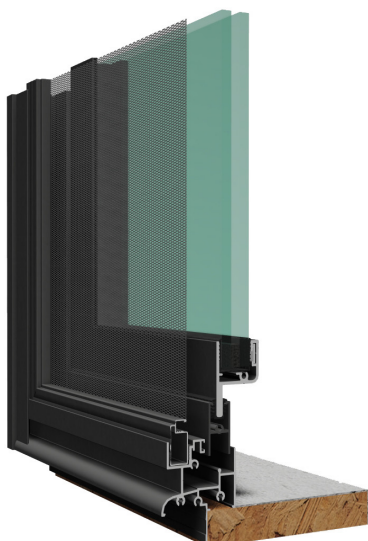


WERS
Tested

The Comet Sliding Window is a simple, cost-effective system that does not compromise on energy performance. Designed with a slimline profile, it's perfect for areas where narrow windows are required, such as bathrooms and laundries. This system is an excellent choice for new builds, renovations, or partial upgrades where only a few windows need replacing.

Features & Benefits

- Achieves exceptional energy ratings with a 3.2- 6.3 u value for improved thermal performance
- Narrow, low-profile frame and sash that creates a sleek appearance
- Integrated fly screen neatly fitted into the window track
- Equipped with a secure lockable window restricter and latch
- Uses 18kg ball bearing rollers for smooth operation
- Simple, serviceable design for quick repairs and part replacements



Maximum Sizes Recommended

Sash Height	1350mm
Total Height	1800mm
Rail Width	825mm
Transom Width	2000mm
Sash Weight	36kg

Frame Dimensions

Height	38mm
Depth	48mm

Glazing Capacity

Single Glazing	4mm – 6.38mm
Double Glazing	18mm (with adapter)

Maximum Performance

Serviceability (+Pa)	1000
Ultimate Pressure (+Pa)	2000
Water Penetration (Pa)	150
Exposure Condition	N3

Min - Max Energy Performance

U-Value	3.2 - 6.3
SHGC	0.21 - 0.73
TVW	0.25 - 0.75

View our full list of WERS rating at conceptaluminium.com.au



AluRES® Zeus Sliding Window



AS 2047
Compliant

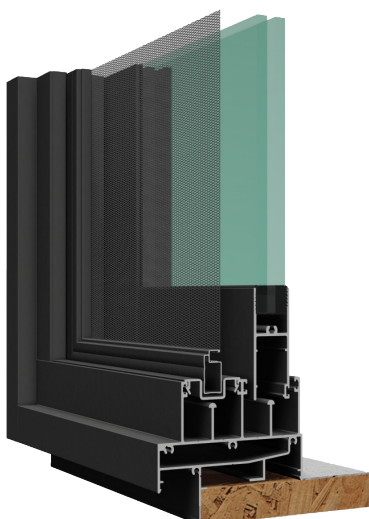


WERS
Tested

The Zeus Sliding Window is our deluxe sliding window, designed to be compact yet robust, creating the feeling of a commercial grade window. Designed with a 90mm frame this systems is extremely flexible and can be used in a range of residential projects, and low lying commercial projects. The Zeus Sliding Window is complimented by high quality hardware including a flush mounted lock which enhances this system by creating a high-quality finish and effortless operation.

Features & Benefits

- Premium 100kg stainless steel ball bearing rollers for smooth and reliable window opening
- Advanced sump sill design for excellent drainage and water protection
- Suitable for creating corner window configurations
- Integrated fly screen neatly fitted into the window track
- Optional sub sill for extreme water performance requirements



Maximum Sizes Recommended

Sash Height	2000mm
Total Height	2400mm
Rail Width	1200mm
Transom Width	2600mm
Sash Weight	180kg

Frame Dimensions

Height	90mm
Depth	60mm

Glazing Capacity

Single Glazing	4mm – 6.38mm
Double Glazing	18mm

Maximum Performance

Serviceability (+Pa)	1000
Ultimate Pressure (+Pa)	3300
Water Penetration (Pa)	300
Exposure Condition	N3

Min - Max Energy Performance

U-Value	3.3 - 6.3
SHGC	0.20 - 0.59
TVW	0.22 - 0.61

View our full list of WERS rating at conceptaluminium.com.au



AluRES® Ultramax Sliding Window



AS 2047
Compliant



WERS
Tested



Acoustic
Tested

The Ultramax Sliding Window is a premium heavy-duty system designed to integrate seamlessly with the 10055-DG/SG Centre Glazed Framing System, enabling fixed and sliding window combinations. Its sliding operation maximises usable space, making it ideal for high-traffic environments such as schools and nursing homes. When specified with the optional narrow frame, it also offers a sleek aesthetic suited to modern residential applications.

Features & Benefits

- Stainless steel ball bearing rollers provide smooth, effortless operation and long-term durability
- Integrated sump sill/transom enhances weather protection by improving water drainage and overall system performance
- Compatibility with corner designs allowing for unique window designs
- A large range of sub framing is available, offering flexibility to suit various installation conditions and construction environments

Maximum Sizes Recommended

Sash Height	2000mm
Stile Height	2400mm
Rail Width	1200mm
Minimum Rail Width	255mm
Sash Weight	180kg

Frame Dimensions

	Standard	Narrow
Height	84mm	60mm
Depth	101mm	101mm (requires sub sill)

Glazing Capacity

Single Glazing	4mm – 6.5mm
Double Glazing	18mm (with adapter)

Maximum Performance

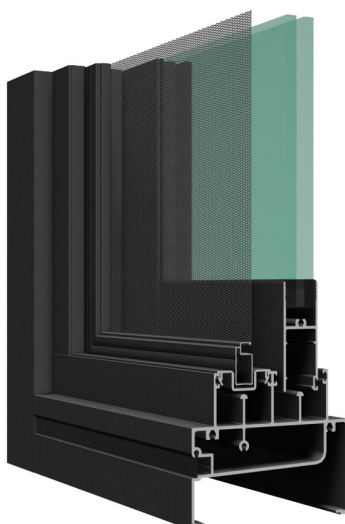
Serviceability (+Pa)	1000
Ultimate Pressure (+Pa)	2000
Water Penetration (Pa)	300
Acoustic Rating (RW)	24-33
Exposure Condition	N4

Narrow

Min - Max Energy Performance

U-Value	3.7 - 6.5
SHGC	0.19 - 0.57
TVW	0.20 - 0.57

View our full list of WERS rating at conceptaluminium.com.au





AluRES® Zeus Double Hung Window



AS 2047
Compliant



WERS
Tested

The Zeus Double Hung Window offers a timeless design that does not project outwards, making it perfect for spaces with limited room. It provides excellent ventilation and is designed for easy cleaning and minimal maintenance. Its 90mm frame pairs effortlessly with other 90mm window series, allowing you to create a variety of configurations to suit any design. Paired with luxe stainless steel hardware, the Zeus Double Hung Window combines style and functionality, standing out as a feature in any home.

Features & Benefits

- Optional integrated fly screen keeps insects out while maintaining a clean appearance
- Adjustable roller allows smooth, reliable operation
- Inner frame can be assembled on-site, providing flexibility during installation
- Supports large window sizes to suit a variety of room layouts
- Optional sub sill for extreme water performance requirements

Maximum Sizes Recommended

Total Height	2400mm
Sash Height	985mm
Sash Width	1000mm

Frame Dimensions

Height	60mm
Depth	90mm

Glazing Capacity

Single Glazing	4mm – 6.38mm
Double Glazing	18mm

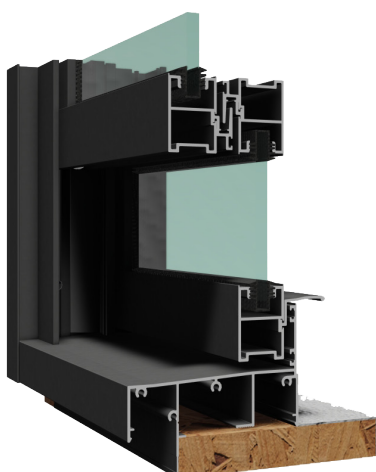
Maximum Performance

Serviceability (+Pa)	600
Ultimate Pressure (+Pa)	1400
Water Penetration (Pa)	200
Exposure Condition	N3

Min - Max Energy Performance

U-Value	3.1 - 6.5
SHGC	0.22 - 0.69
TVW	0.31 - 0.70

View our full list of WERS rating at conceptaluminium.com.au





AluRES® Ultramax Double Hung Window



AS 2047
Compliant



WERS
Tested

The Ultramax Double Hung Window is contemporary take on a classic window style, featuring a bold outer frame with counterbalanced window panels and high quality operating hardware. Pairing with a range of our AluCOMM Commercial framing systems, The Ultramax Double Hung Window can be used in commercial and residential applications, ensuring effortless functionality across various spaces including high-traffic environments.

Features & Benefits

- Optional integrated fly screen for added protection and security
- Adjustable roller allows smooth, reliable operation
- Inner frame can be assembled on-site, providing flexibility during installation
- Uses a simple cord mounting mechanism for convenience
- Creates large sizes ideal for projects that require large, bold windows
- Optional sub sill for extreme water performance requirements



Maximum Sizes Recommended

Total Height	2420mm
Total Width	1210mm
Sash Height	1160mm
Sash Width	1061mm

Frame Dimensions

Height	Various
Depth	Various

Glazing Capacity

Single Glazing	4mm – 6.38mm
Double Glazing	18mm

Maximum Performance

Serviceability (+Pa)	810
Ultimate Pressure (+Pa)	3000
Water Penetration (Pa)	400
Exposure Condition	N3

Min - Max Energy Performance

U-Value	3.3 – 4.3
SHGC	0.21 – 0.57
TVW	0.24 – 0.59

View our full list of WERS rating at conceptaluminium.com.au



AluRES® Apollo Accessory Window Frame



AS 2047
Compliant



WERS
Tested

The Apollo Sashless Accessory Frame is a plain frame designed to be fitted with externally supplied window systems, such as sashless windows, louvers, or any other required systems. Based on the Apollo Awning Window Frame, this systems can also couple with all CAS 90mm frames including Sliding Doors, making it the most flexible system available in the AluRES range.

Features & Benefits

- Sleek, plain frame design that's easy to work with and provides a modern look
- Compatible with a wide range of sashless window units to suit your requirements
- Optional sub-framing available for installation flexibility
- Couples with 90mm systems to create diverse window configurations
- Allows for glass louvers and fixed aluminium louver blades which is ideal for creating windows that provide maximised ventilation with added privacy

Maximum Sizes Recommended

Sash Height	N/A
Total Height	N/A
Rail Width	N/A
Transom Width	N/A
Sash Weight	N/A

Frame Dimensions

Height	26mm
Depth	90mm

Glazing Capacity

Single Glazing	Configuration dependent
Double Glazing	Configuration dependent

Maximum Performance

Serviceability (+Pa)	N/A
Ultimate Pressure (+Pa)	N/A
Water Penetration (Pa)	N/A

Min - Max Energy Performance

U-Value	N/A
SHGC	N/A
TVW	N/A

View our full list of WERS rating at conceptaluminium.com.au





AluRES® Comet Awning / Fixed Window



AS 2047
Compliant



WERS
Tested

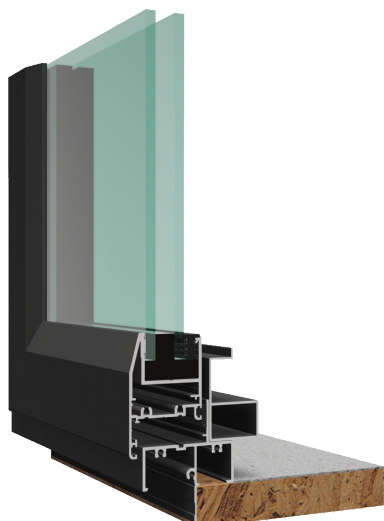


Acoustic
Tested

The Comet Awning Window is a simple, cost-effective system that does not compromise on energy performance. A low-profile frame is used which gives a slimline appearance and can create narrow awning windows which are ideal in bathrooms, kitchens, and laundries. Entry level homes, units, and townhouses are ideal application uses, as well as being a top choice for renovations or partial renovations where a few windows need replacing.

Features & Benefits

- Narrow, low-profile frame and dual seal sash that creates a slimline appearance
- Integrated fly screen neatly fitted into the window frame
- Compatible with awning stays for flexible installation
- Can create awning and fixed window combinations
- Uses a hook head awning design for reliable functionality
- Simple, serviceable design for quick repairs and part replacements



Maximum Sizes Recommended

Total Height	2100mm
Transom Span	1010mm
Sash Weight	30kg

Maximum Performance

Serviceability (+Pa)	800
Ultimate Pressure (+Pa)	2000
Water Penetration (Pa)	300
Exposure Condition	N4
Acoustic Rating: Awning DG	30 - 35
Acoustic Rating: Fixed DG	31 - 36

Frame Dimensions

Height	20mm
Depth	50mm

Glazing Capacity

Single Glazing	4mm - 6.38mm
Double Glazing	18mm - 24.76mm

Min - Max Energy Performance

U-Value	2.2 - 6.4
SHGC	0.16 - 0.78
TVW	0.20 - 0.64

View our full list of WERS rating at conceptaluminium.com.au



AluRES® Apollo Awning / Casement Window



AS 2047
Compliant



WERS
Tested



Acoustic
Tested

The Apollo Awning Window is a flexible and durable awning window that features a 90mm frame which allows it to be paired with other 90mm CAS windows to create unique and functional window combinations. The Apollo Awning Window has the high performance and strength to be used in homes, and can also be used in light commercial projects and low-lying apartments where permissible.

Features & Benefits

- Optional 70mm vista sash to suit specific project needs
- Flexible window configuration options for many design requirements
- Compatible with awning stays for flexible installation
- Uses a hook head awning design for reliable functionality
- Pairs with other CAS 90mm windows to create unique design configurations
- Optional sub sill for extreme water performance requirements

Maximum Sizes Recommended

Total Height	2400mm
Transom Span	1600mm
Sash Weight	30kg

Min - Max Energy Performance

U-Value	2.4 - 6.6
SHGC	0.16 - 0.77
TVW	0.20 - 0.62

Energy Performance Ratings and Maximum Performance Ratings are for the Awning Window Configuration
View our full list of WERS rating at conceptaluminium.com.au

Frame Dimensions

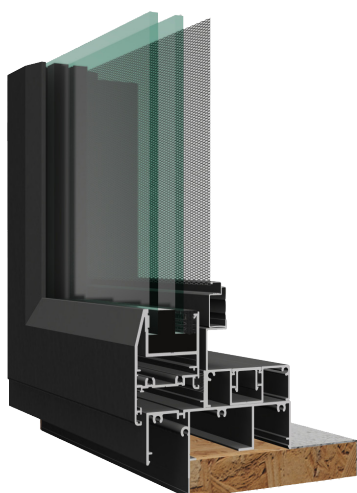
Height	26mm
Depth	90mm

Glazing Capacity

Single Glazing	4mm - 6.38mm
Double Glazing	18mm - 24mm

Maximum Performance

Serviceability (+Pa)	1200
Ultimate Pressure (+Pa)	2000
Water Penetration (Pa)	1000
Exposure Condition	N4
Acoustic Rating: Awning DG	27 - 36
Acoustic Rating: Fixed DG	25 - 34



AluRES® Titan Awning / Casement Window



AS 2047
Compliant



WERS
Tested



Acoustic
Tested

The Titan Awning Window is a heavy-duty system that is designed for projects that require large openings and glass surfaces without small restrictions on sizes. The Titan Awning Window features a large frame that can handle exceptional wind load and water penetration, making it ideal for projects that require strength and top performance. High-end residential applications and architectural builds are ideal to feature this bold awning window.

Features & Benefits

- Uses a hook head awning design for reliable functionality
- Optional 70mm vista sash, which is recommended if you are looking to create larger sash sizes
- Compatible with awning stays for flexible installation
- Can create awning and fixed window combinations providing design flexibility
- Large bold frame guaranteed to be a standout feature in your home
- Optional sub sill for extreme water performance requirements

Maximum Sizes Recommended

Total Height	2400mm
Transom Span	1800mm
Sash Weight	30kg

Min - Max Energy Performance

U-Value	2.8 - 6.5
SHGC	0.15 - 0.73
TVW	0.17 - 0.56

Energy Performance Ratings and Maximum Performance Ratings are for the Awning Window Configuration. View our full list of WERS ratings at conceptaluminium.com.au

Frame Dimensions

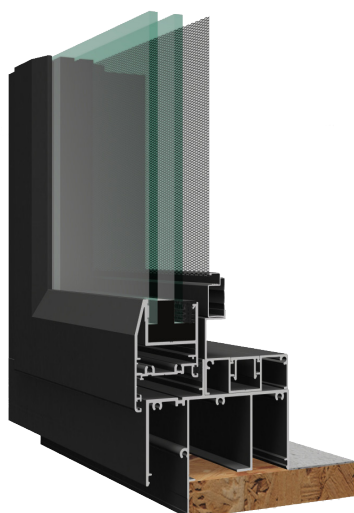
Height	44mm
Depth	90mm

Glazing Capacity

Single Glazing	4mm - 6.38mm
Double Glazing	18mm - 24mm

Maximum Performance

Serviceability (+Pa)	1500
Ultimate Pressure (+Pa)	2250
Water Penetration (Pa)	1000
Exposure Condition	N4
Acoustic Rating: Awning DG	28 - 37



AluRES® Ultramax Plus Awning / Casement Window



AS 2047
Compliant



WERS
Tested



Acoustic
Tested

The Ultramax Plus Awning/Casement Window is a high-quality interchangeable system capable of achieving large sash sizes, making it an ideal solution for commercial and premium residential applications where expansive glass openings are required. Complemented by premium hardware, it also allows traditional fly screens to be fitted without impacting the windows operation, enhancing the functionality and durability of the system.

Features & Benefits

- Based off the commercial 10055-DG Centre Glazed system
- Uses high performance Truth hardware with multi point locking for added security and smooth operation
- Large range of sub framing available to create superior water performance
- Integrates a fly screen for added security and protection

Maximum Sizes Recommended

	Awning	Casement
Sash Height	2100mm	2400mm
Sash Width	900mm	1000mm
Max Weight	136kg	40kg

Frame Dimensions

	Standard	Narrow
Height	55mm	30mm
Depth	101mm	101mm

Glazing Capacity

Single Glazing	4mm - 10.38mm
Double Glazing	24mm - 30mm

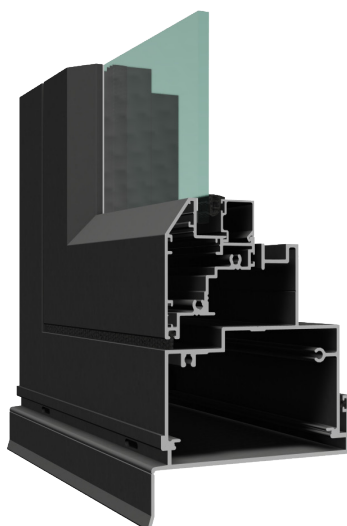
Min - Max Energy Performance

U-Value	4.0 - 6.4
SHGC	0.14 - 0.46
TVW	0.16 - 0.44

Energy Performance Ratings and Maximum Performance Ratings are for the Awning Window Configuration
View our full list of WERS rating at conceptaluminium.com.au

Maximum Performance

Serviceability (+Pa)	1000
Ultimate Pressure (+Pa)	1400
Water Penetration (Pa)	300
Acoustic Rating (RW)	29-32
Exposure Condition	N3





AluRES® Windsor Bi-Fold Door



AS 2047
Compliant



WERS
Tested

The Windsor Bi-Fold Door is a heavy-duty system designed for both internal and external applications in residential and commercial projects. Alfresco, shop fronts, server windows, and separating living rooms are common uses, with customisations available to suit each application such as using a zero-threshold gutter sill. Paired with high quality hardware, the Windsor Bi-fold was created for smooth operation and secure locking, making it a reliable and practical solution for modern homes and commercial spaces.

Features & Benefits

- One-piece head provides strength and a clean, streamlined appearance
- Multiple sill and stile options allow for customised installations
- Uses the sleek Edge Hinge Door Lock with 4 point locking for added security
- Hardware is available in black or stainless steel to suit your project
- Dual seal door stiles improve weatherproofing and energy efficiency
- Single or twin non or lockable flush bolts allow for discrete security
- Beaded rails allow for on-site glazing

Maximum Sizes Recommended

Stile Height	2800mm
Min Stile Height	600mm
Rail Width	1200mm
Min Rail Width	650mm
Sash Weight	90kg

Frame Dimensions

Height	44mm
Depth	100mm

Glazing Capacity

Single Glazing	4mm – 10.5mm
Double Glazing	24mm

Maximum Performance

Serviceability (+Pa)	800
Ultimate Pressure (+Pa)	1400
Water Penetration (Pa)	200
Exposure Condition	N3

Min - Max Energy Performance

U-Value	3.1 - 6.0
SHGC	0.15 - 0.57
TVW	0.18 - 0.59

View our full list of WERS rating at conceptaluminium.com.au





AluRES® Comet Sliding Door



AS 2047
Compliant



WERS
Tested



Acoustic
Tested



NCC Livable
Housing
Design
Standard

The Comet Sliding Door is a versatile system available in 2, 3, or 4-panel configurations, accommodating both large and small openings. It is commonly used in bedrooms, living rooms, backyard entries, and laundries, providing increased ventilation and natural light without taking up additional space. The Comet Sliding Door pairs seamlessly with other 90mm frame windows and doors to create custom combinations, and when used with our residential zero-threshold gutter sill, it delivers a smooth, step-free transition that complies with accessibility requirements.

Features & Benefits

- Uses a built-in drainage sump ensures effective water management, protecting your home from leaks and extending the door's lifespan
- Uses 100kg Stainless steel ball bearing rollers for smooth, durable operation
- Equipped with a built-in fly track to keep intruders out while maintaining a clean, unobtrusive appearance
- Compatible with corner designs, allowing flexible layouts and creative design possibilities for modern homes
- Use a high-quality Face Mounted D Pull Lock with optional colour coating

Maximum Sizes Recommended

Sash Height	2035mm
Total Height	2400mm
Rail Width	1200mm
Sash Weight	180kg

Frame Dimensions

Height	50mm
Depth	95mm

Glazing Capacity

Single Glazing	4mm – 6.38mm
Double Glazing	18mm

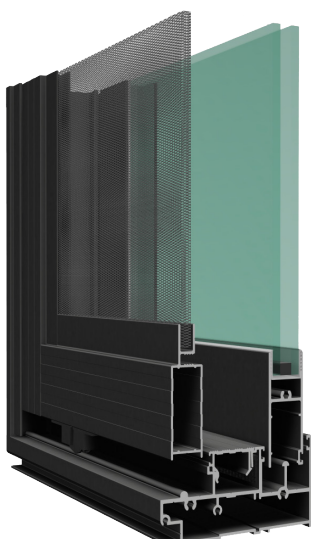
Maximum Performance

Serviceability (+Pa)	800
Ultimate Pressure (+Pa)	2000
Water Penetration (Pa)	200
Acoustic Rating (RW)	23 - 30
Exposure Condition	N3

Min - Max Energy Performance

U-Value	2.6 - 6.1
SHGC	0.23 - 0.72
TVW	0.28 - 0.74

View our full list of WERS rating at conceptaluminium.com.au





AluRES® Comet Stacker Door



AS 2047
Compliant



WERS
Tested



NCC Livable
Housing
Design
Standard

The Comet Stacker Door creates wide openings by neatly stacking the door panels on top of one another which increases natural light and ventilation, and making spaces within a home feel more connected, such as open plan living rooms, or verandas. Available in 3 and 6 configurations, the Comet Stacker Door pairs with other 90mm frame windows to create unique window and door combinations, and also pairs with our residential zero threshold gutter sill.

Features & Benefits

- Compatible with Residential zero-threshold gutter sills to create a seamless entry that also complies with the National Construction Code for Livable Housing, ensuring easy access for everyone, including those with mobility needs
- Built-in fly track is integrated into the system, keeping intruders out while maintaining a clean, streamlined appearance
- Uses 100kg Stainless steel ball bearing rollers for smooth, durable operation
- Compatible with corner designs, enabling versatile layouts and design options for modern homes
- Use a high-quality Face Mounted D Pull Lock with optional colour coating

Maximum Sizes Recommended

Sash Height	2035mm
Total Height	2400mm
Rail Width	1200 mm
Sash Weight	180kg

Frame Dimensions

Height	45mm
Depth	103mm

Glazing Capacity

Single Glazing	4mm – 6.38mm
Double Glazing	18mm

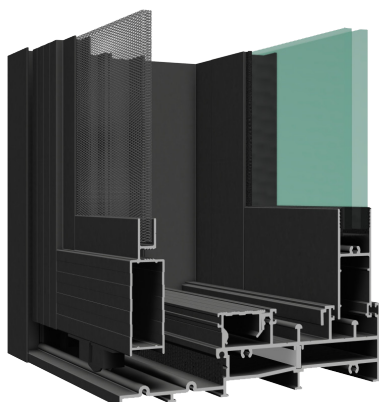
Maximum Performance

Serviceability (+Pa)	800
Ultimate Pressure (+Pa)	1400
Water Penetration (Pa)	150
Exposure Condition	N3

Min - Max Energy Performance

U-Value	2.8 - 6.2
SHGC	0.22 - 0.68
TVW	0.22 - 0.72

View our full list of WERS rating at conceptaluminium.com.au





AluRES® Artemis Series (12532CG)



AS 2047
Compliant

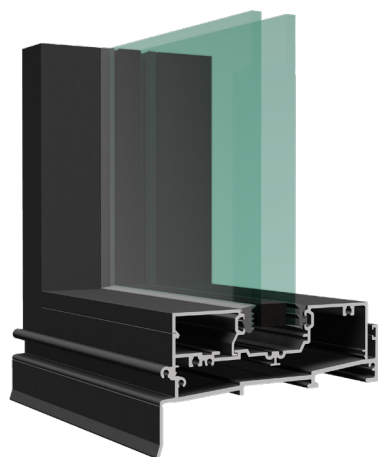


WERS
Tested

The Artemis Series is a stand alone complete series, which has the ability to create an Open In and Out Hinge Entry Door, Awning Window, Fixed Window, Sliding Window and Double Hung Window. The Artemis Series frame is commercial-grade with slimline panels to deliver strength while maintaining a streamlined appearance. Designed entirely for residential applications, this system was designed for the convenience of architects, and fabricators to complete projects with one series.

Features & Benefits

- Highly adaptable system that can create multiple window configurations to meet all residential project requirements
- Uses a square cut frame
- Can integrate a security door with a 3-point locking for added security
- Have the choice of a 22.5mm or 32mm frame width to suit your project requirements
- Optional sub sill for extreme water performance requirements



Artemis Series (12532CG) Frame with a sub sill

Maximum Sizes Recommended

Stile Height	2400mm
Rail Width	1000mm
Rail Weight	100kg

Frame Dimensions

Height	22.5mm / 32mm
Depth	125mm

Glazing Capacity

Single Glazing	4mm - 10.5mm
Double Glazing	24mm - 32mm

Maximum Performance

Serviceability (+Pa)	800
Ultimate Pressure (+Pa)	2000
Water Penetration (Pa)	200
Exposure Condition	N4

Min - Max Energy Performance

U-Value	2.3 - 4.6
SHGC	0.15 - 0.70
TVW	0.29 - 0.73

View our full list of WERS rating at conceptaluminium.com.au



AluRES® Titan Built-In-Fly Track Apartment Door



AS 2047
Compliant



WERS
Tested



Acoustic
Tested



NCC Livable
Housing
Design
Standard

The Built-in Fly track (BIF) Apartment Door is a high-performing system designed for top-of-the-range contemporary homes. As a commercial-grade system with 2-track or 3-track options, it delivers exceptional durability while creating large openings without taking up extra space. Complemented by premium hardware, the BIF Apartment Door is a standout feature that elevates the value and durability of any project.

Features & Benefits

- The system accommodates large panels that can be narrow or wide up to 2m
- The head and sill are available with built-in fly-tracks, providing integrated security while maintaining a clean, streamlined look
- It features high-quality hardware, including 150kg stainless steel ball bearing rollers and 2 - 5 wheel cartridges depending on your door configuration
- Sub-framing is available for installation flexibility, making the system easier to fit in a variety of structural conditions
- Compatible with corner designs, enabling versatile layouts

Maximum Sizes Recommended

Total Height	3000mm
Rail Width	2000mm
Sash Weight	300kg

Frame Dimensions

Height	100mm / 150mm
Depth	55mm

Glazing Capacity

Single Glazing	4mm - 8.38mm
Double Glazing	24mm

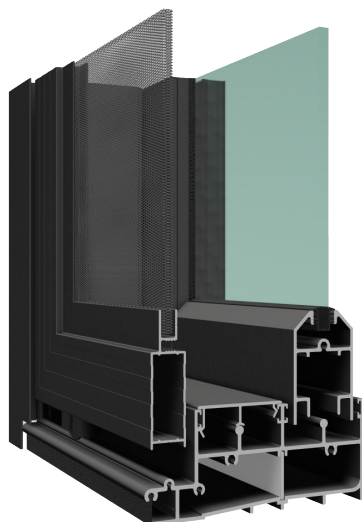
Maximum Performance

Serviceability (+Pa)	1200
Ultimate Pressure (+Pa)	4000
Water Penetration (Pa)	360
Acoustic Rating (RW)	27 - 36
Exposure Condition	N5

Min - Max Energy Performance

U-Value	2.7 - 6.1
SHGC	0.17 - 0.62
TVW	0.21 - 0.68

View our full list of WERS rating at conceptaluminium.com.au





The AluRES range is proudly Australian Made and uses locally sourced and manufactured Aluminium.

conceptaluminium.com.au

17 Broadfield Rd, Broadmeadows VIC 3047 | ABN: 97007214897 | 9357 2888 | December 2025